State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-291 Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1986 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family		acement hes (Liters)	Exhaust Emission Control Systems (Special Features)
GFM2.8T2HKG1	171	(2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.39	9.0	1.0

The following are the certification emission values for the above engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.21	2.1	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et sec.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this _______

day of February, 1985.

K. D. Drachand, Chief Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer	Ford Motor Company	Executive Order No. A-10-291	 -
Engine Family	GFM2.8T2HKG1	Evaporative Family 6DM	
		Engine CID (Liters) 171 (2.8)	

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance
Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
'V-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valv CFI-Central Fuel Injection DID-Diesel Injection-Direct DIP-Diesel Injection-Prechamber EF1-Electronic Fue1 Injection IC - Intercooler MFI-Mechanical Fuel Injection TC-Turbocharged

VEHICLE MODELS:

AEROSTAR VAN SWB

AEROSTAR BUS SWB

PRIVE SYSTEM:	FRONT	Engine/	REAR	Wheel I)rive
Engine Family		G2.8TKG	· · · · · · · · · · · · · · · · · · ·		

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1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

	se Family <u>GF</u> (Special Features)			/oc/cr	Engine Code CID. (Liter)- Type 2.8L		
Engine Code	Vehicle Models (If Coded see attachment)		Equiv. Test Weight	Ign. System EEC-IV -12A650- Part No.	Fuel System -9510- Part No	EGR Valve -9F483- Part No.	. Label Ident Part
5-61T- R00N	AEROSTAR BUS-SWB VAN-SWB	Y5 (3.96)	3500 3375	E57F-JB	E59E-AA	E5TE-EA	AAA
5-61T- R00A	BUS-SWB VAN-SWB		3750 3500	E57F-JB	E59E-AA	E5TE-EA	AAA
5-62T- R00N	BUS-SWB VAN-SWB		3750 3375	E57F-RA	E59E-AA	E5TE-EA	AAB
5-62T- R00A	BUS-SWB VAN-SWB	•	3750 3500	E57F-RA	E59E-AA	E5TE-EA	AAB

ngine Family G2.8TKG

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